

AMENDMENTS TO THE CLAIMS

The Amendments shown below were presented in the response submitted May 5, 2010, and are awaiting entry by the examiner. The following listing of claims will replace all prior versions and listing of claims in the application.

1-125. (Canceled)

126. (Currently amended) A method of resuscitating dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cells, the method comprising contacting the *Mycobacterium tuberculosis* bacterial cells *in vitro* with an isolated polypeptide ~~selected from the group consisting of:~~

i) ~~a polypeptide having at least 95% sequence identity with amino acid residues 117 to 184 of SEQ ID NO:2;~~

ii) ~~a polypeptide having at least 95% sequence identity with SEQ ID NO:2~~ or ~~and~~

iii) ~~a polypeptide comprising at least amino acid residues 117 to 184 of SEQ ID NO:2,~~
wherein said polypeptide is capable of resuscitating a dormant, moribund, or latent *Mycobacterium tuberculosis* cell;

and incubating the bacterial cells in culture medium containing the polypeptide, thereby resuscitating said bacterial cells.

127. (Previously presented) The method of claim 126, wherein the polypeptide is recombinant.

128. (Currently amended) The method of claim 126 or 127, wherein said bacterial cells ~~are~~ is present in a sample, and the method identifies a dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cell in the sample by detecting growth of bacterial cells in the sample.

129-130. (Canceled)

131. (Previously presented) The method of claim 126 or 127, wherein the polypeptide is in unit dosage form.

132-143. (Canceled)

144. (Currently amended) A method of resuscitating dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cells, the method comprising contacting the bacterial cells *in vitro* with a cell strain expressing a nucleic acid encoding a polypeptide comprising a sequence selected from the group consisting of:

i) ~~a polypeptide having at least 95% sequence identity with amino acid residues 117 to 184 of SEQ ID NO: 2;~~

ii) ~~a polypeptide having at least 95% sequence identity with SEQ ID NO: 2; and~~

or a polypeptide comprising at least amino acid residues 117 to 184 of SEQ ID NO: 2,
wherein said polypeptide is capable of resuscitating a dormant, moribund, or latent
Mycobacterium tuberculosis cell;

and incubating the bacterial cells and the cell strain in culture medium, thereby resuscitating said cells.

145-148. (Canceled)

149. (Currently amended) The method of claim 126, wherein the isolated polypeptide comprises ~~has at least 95% sequence identity with~~ SEQ ID NO:2.

150. (Previously presented) The method of claim 126, wherein the isolated polypeptide comprises amino acid residues 117 to 184 of SEQ ID NO:2.

151-156. (Canceled)

157. (Previously presented) The method of claim 126, wherein the polypeptide is purified essentially to homogeneity.

158. (Cancelled)

159. (Previously presented) The method of claim 128, wherein the sample is taken from a human or animal.

160. (New) A method of resuscitating dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cells, the method comprising contacting the *Mycobacterium tuberculosis* bacterial cells *in vitro* with a purified polypeptide comprising SEQ ID NO:2, wherein said polypeptide is capable of resuscitating a dormant, moribund, or latent *Mycobacterium tuberculosis* cell; and incubating the cells in culture medium containing the polypeptide, thereby resuscitating said cells.

161. (New) A method of resuscitating dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cells, the method comprising contacting the *Mycobacterium tuberculosis* bacterial cells *in vitro* with a purified polypeptide comprising at least amino acid residues 117 to 184 of SEQ ID NO: 2, wherein said polypeptide is capable of resuscitating a dormant, moribund, or latent *Mycobacterium tuberculosis* cell; and incubating the bacterial cells in culture medium containing the polypeptide, thereby resuscitating said bacterial cells.

162. (New) The method of claim 160 or 161, wherein said bacterial cells are present in a sample, and the method identifies a dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cell in the sample by detecting growth of bacterial cells in the sample.

163. (New) A method of resuscitating dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cells, the method comprising contacting the bacterial cells *in vitro* with a cell strain expressing a nucleic acid encoding a polypeptide comprising SEQ ID NO: 2, wherein said polypeptide is capable of resuscitating a dormant, moribund, or latent *Mycobacterium tuberculosis* cell; and incubating the bacterial cells and cell strain in culture medium, thereby resuscitating said bacterial cells.

164. (New) A method of resuscitating dormant, moribund or latent *Mycobacterium tuberculosis* bacterial cells, the method comprising contacting the bacterial cells *in vitro* with a cell strain expressing a nucleic acid encoding a polypeptide comprising at least amino acid residues 117 to 184 of SEQ ID NO: 2, wherein said polypeptide is capable of resuscitating a dormant, moribund, or latent *Mycobacterium tuberculosis* cell, and incubating the bacterial cells and cell strain in culture medium, thereby resuscitating said bacterial cells.